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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No  
**A-1911**

Total Pages in this Submission

19

Mail Stop Patent Application

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

CHANNELIZED ANALOG-TO-DIGITAL CONVERTER

and invented by:

Ronald F. Mathis et al.

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are **Application Elements**:

- ☐ Filing Fee
- ☒ Specification having 9 page(s) and including the following:
  - ☒ Title of the Invention
  - ☒ Cross References to Related Applications (*if applicable*)
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Description of the Drawings
  - ☒ Description of the Preferred Embodiment
  - ☒ Claim(s) as Classified Below
  - ☒ Abstract of the Disclosure
- ☒ 1 Sheet of Drawings(s) (37 CFR 113) ☒ Formal ☐ Informal
- ☒ Oath or Declaration ☐ Executed ☒ Unexecuted
  - ☐ Copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- ☒ Power of Attorney ☐ Executed ☒ Unexecuted
  - ☐ Copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- ☐ Incorporation By Reference -- The entire disclosure of the prior application from which a copy of the oath or declaration is supplied under the above entry, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ Computer Program in Microfiche (*Appendix*)

## Accompanying Application Parts

- ☐ Assignment Papers (cover sheets & documents(s))
  - ☐ The prior application is assigned of record to \_\_\_\_\_
    - ☐ Copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
- ☐ English Translation Document (*if applicable*)

- ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of \_\_\_ IDS Cited Reference(s)  
☐ Preliminary Amendment  
☒ Acknowledgment postcard  
☒ Application is entitled to Small Entity Status.  
☒ Application Data Sheet  
☒ Request for NON-PUBLICATION of Application  
☒ Certificate of Mailing by Express Mail  
☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

### Fee Calculation and Transmittal

\*The filing fee is calculated on the basis of the claims existing in the prior application as amended by the accompanying preliminary amendment noted above.

| CLAIMS AS FILED  |        |          |        |            |           |
|--|--------|----------|--------|------------|-----------|
| For  | #Filed | #Allowed | #Extra | Rate       | Fee       |
| Total Claims   | 11     | - 20 =   | 0      | X \$ 18.00 | \$ 0.00   |
| Independent Claims   | 2      | - 3 =    | 0      | X \$ 86.00 | \$ 0.00   |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |        |          |        |            | \$ 0.00   |
| BASIC FEE  |        |          |        |            | \$ 770.00 |
| SUBTOTAL   |        |          |        |            | \$ .00    |
| (Application is entitled to small entity status under 37 CFR 1.9 and 1.27) adjusted small entity status claim fees [rate + 2]<br>SMALL ENTITY STATUS |        |          |        |            |           |
| OTHER FEE (specify purpose)  |        |          |        |            | \$ .00    |
| TOTAL FILING FEE   |        |          |        |            | \$385.00  |

- ☐ A check in the amount of \$ \_\_\_\_ to cover the filing fee and the assignment recordation fee is enclosed.  
☐ The Commissioner is hereby authorized to charge and/or credit Deposit Account Number 13-5135 as described below.  
☐ Charge the amount of \$\_\_ as filing fee.  
☐ Credit any overpayment.  
☐ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.

Respectfully Submitted,



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April 7, 2004  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application: /  
Mathis, et al. / **Mail Stop Patent Application**  
/   
Filed: Herewith /   
/   
For: CHANNELIZED ANALOG-TO-DIGITAL /   
CONVERTER /

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Date of Deposit: **April 7, 2004**

I hereby certify that the following documents as identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under CFR 1.10 on the date indicated above and are addressed:


Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

enclosures:

1. Transmittal letter;
2. Application Data Sheet;
3. Specification/Claims/Abstract 9 pages  
(Specification & Abstract / 7 pages; Claims 11 / 2 pages);
4. 1 sheet of formal drawings;
5. Declaration for Patent Application (unexecuted); and
6. Return Receipt postcard.

Each of the 6 above-identified documents are enclosed herewith.

Respectfully submitted,

  
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